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ACCOUNT](#)search [SITE MAP](#)[REQUEST A CATALOG](#)[INTERNATIONAL ORDERS](#)[FREEZER PROGRAM](#)[QUICK ORDER](#)Home > Products > Restriction Endonucleases > **XbaI****RELATED INFORMATION**

- ▶ FAQs for Restriction Endonucleases
- ▶ FAQs for XbaI
- ▶ Restriction Endonucleases Technical Reference

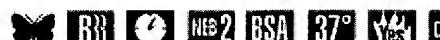
**FAVORITE TOOLS**

- ▶ Enzyme Finder
- ▶ NEBcutter
- ▶ NEBuffer Chart
- ▶ Double Digest Finder
- ▶ Isoschizomers
- ▶ DNA Sequences and Maps
- ▶ REBASE

**RELATED PRODUCTS**

Reagents Sold Separately

- ▶ NEBuffer 2
- ▶ BSA

**Competent Cells**  
**Introductory Offer****XbaI**

Nomenclature Update

Catalog #	Size	Concentration	Price	Qty	<a href="#">ADD</a>
R0145S	3,000 units	20,000 units/ml	\$63.00	<input type="text" value="1"/>	<a href="#">ADD</a>
R0145L	15,000 units	20,000 units/ml	\$252.00	<input type="text" value="1"/>	<a href="#">ADD</a>
R0145T	3,000 units	100,000 units/ml	\$63.00	<input type="text" value="1"/>	<a href="#">ADD</a>
R0145M	15,000 units	100,000 units/ml	\$252.00	<input type="text" value="1"/>	<a href="#">ADD</a>

*Prices are in US dollars and valid only for US orders.*[Download: MSDS PDF](#)**Recognition Site:**

5'... **T**C T A G A ... 3'  
 3'... A G A T C **T** ... 5'

isoschizomers | compatible ends | single letter code

**Source:**A *E. coli* strain that carries the XbaI gene from *Xanthomonas badrii* (ATCC 11672).**Reagents Supplied:**

NEBuffer 2

BSA

**Enzyme Properties****Activity in NEBuffers:**

NEBuffer 1: 0%

NEBuffer 2: 100%

NEBuffer 3: 75%

NEBuffer 4: 75%

When using a buffer other than the optimal (supplied) NEBuffer, it may be necessary to add more enzyme to achieve complete digestion.

**Methylation Sensitivity:***dam* methylation: Blocked by overlapping*dcm* methylation: Not sensitive

CpG methylation: Not sensitive

**Heat Inactivation:**

65°C for 20 minutes

**Survival in a Reaction:**

Minimum units to digest 1 µg of substrate DNA in 16 hours: 0.13 unit(s)